

QUALIFICATIONS VALIDATED
ANNUALLY

QPL-27599-10
17 June 1997
SUPERSEDING
QPL-27599-9
20 March 1991

QUALIFIED PRODUCTS LIST

OF

PRODUCTS QUALIFIED UNDER MILITARY SPECIFICATION

MIL-C-27599

CONNECTORS, ELECTRICAL, CIRCULAR, MINIATURE, HIGH DENSITY,

QUICK DISCONNECT, ENVIRONMENT RESISTANT, SOLDER CONTACTS

GENERAL SPECIFICATION FOR



This list has been prepared for use by or for the Government in the acquisition of products covered by subject specification and such listing of a product is not intended to and does not connote endorsement of the product by the Department of Defense. All products listed herein have been qualified under the requirements for the product as specified in the latest effective issue of the applicable specification. This list is subject to change without notice; revision or amendment of this list will be issued as necessary. The listing of a product does not release the supplier from compliance with the specification requirements.

THE ACTIVITY RESPONSIBLE FOR THIS QPL IS THE DEFENSE SUPPLY CENTER COLUMBUS (DSCC-VQ), COLUMBUS, OH 43216-5000.

All connectors listed are qualified to reliability indicator number one and polarization A, B, C, D, and normal.

The qualified products are listed in tabular form for each manufacturer. Connectors are qualified to any combination of class, finish, and style shown. The insert arrangement number applicable to each shell size is shown in a vertical column under the shell size. An example of the Government designation which identifies the connector is shown below:

MS20026	T	15	A	18	P	A
MS NUMBER	CLASS	SHELL SIZE	FINISH (COLOR)	INSERT ARRANGEMENT	STYLE (P OR S)	POLARIZATION AND RELIABILITY INDICATOR (NO LETTER REQUIRED FOR NORMAL AND RELIABILITY INDICATOR NUMBER ONE)

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
MS20026	LJT00T-()	27599-613-66 thru	Amphenol Aerospace - Amphenol Connectors
CLASS: T	FINISH: A, B	27599-621-66	
	SHELL SIZE		
9	11 13 15 17 19 21 23 25		
	INSERT ARRANGEMENT NUMBER		
3	4 4 5 8 11 16 2 29		
6	5 8 15 26 28 24 21 61		
	13 22 18 55 30 25 53		
	98 98 37 99 32 27		
	97 67 39		
	41		
MS20027	LJT01T-()	27599-613-66 thru	Amphenol Aerospace - Amphenol Connectors
CLASS: T	FINISH: A, B	27599-621-66	
	SHELL SIZE		
9	11 13 15 17 19 21 23 25		
	INSERT ARRANGEMENT NUMBER		
3	4 4 5 8 11 16 2 29		
6	5 8 15 26 28 24 21 61		
	13 22 18 55 30 25 53		
	98 98 37 99 32 27		
	97 67 39		
	41		
MS20028	LJT067T-()	27599-613-66 thru	Amphenol Aerospace - Amphenol Connectors
CLASS: T	FINISH: A, B, F	27599-621-66	
	SHELL SIZE		
9	11 13 15 17 19 21 23 25		
	INSERT ARRANGEMENT NUMBER		
3	4 4 5 8 11 16 2 29		
6	5 8 15 26 28 24 21 61		
	13 22 18 55 30 25 53		
	98 98 37 99 32 27		
	97 67 39		
	41		
MS20029	LJT07P-()	27599-613-66 thru	Amphenol Aerospace - Amphenol Connectors
CLASS: P	FINISH: A, B	27599-621-66	
	SHELL SIZE		
9	11 13 15 17 19 21 23 25		
	INSERT ARRANGEMENT NUMBER		
3	4 4 5 8 11 16 2 29		
6	5 8 15 26 28 24 21 61		
	13 22 18 55 30 25 53		
	98 98 37 99 32 27		
	97 67 39		
	41		
MS27334	JT00C-()	27599-622-66 thru	Amphenol Aerospace - Amphenol Connectors
CLASS: T, P	FINISH: A, B	27599-630-66	
	SHELL SIZE		
8	10 12 14 16 18 20 22 24		
	INSERT ARRANGEMENT NUMBER		
3	5 3 5 8 11 16 2 61		
6	13 4 15 26 28 39 21		
	98 8 18 55 30 41 32		
	98 37 99 32 55		
	53		
	66		

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
MS27335	JT02C-()	27599-622-66 thru 27599-630-66	Amphenol Aerospace - Amphenol Connectors
CLASS: T	FINISH: A, B		
	STYLE: P, S		
	SHELL SIZE		
8	10 12 14 16 18 20 22 24		
	INSERT ARRANGEMENT NUMBER		
3	5 3 5 8 11 16 2 61		
6	13 4 15 26 28 39 21		
	98 8 18 55 30 41 32		
	98 37 99 32 55		
	53		
	66		
MS27336	JT06C-()	27599-622-66 thru 27599-630-66	Amphenol Aerospace - Amphenol Connectors
CLASS: T, P	FINISH: A, B		
	STYLE: P, S		
	SHELL SIZE		
8	10 12 14 16 18 20 22 24		
	INSERT ARRANGEMENT NUMBER		
3	5 3 5 8 11 16 2 61		
6	13 4 15 26 28 39 21		
	98 8 18 55 30 41 32		
	98 37 99 32 55		
	53		
	66		
MS27337	JT07C-()	27599-622-66 thru 27599-630-66	Amphenol Aerospace - Amphenol Connectors
CLASS: T, P	FINISH: A, B		
	STYLE: P, S		
	SHELL SIZE		
8	10 12 14 16 18 20 22 24		
	INSERT ARRANGEMENT NUMBER		
3	5 3 5 8 11 16 2 61		
6	13 4 15 26 28 39 21		
	98 8 18 55 30 41 32		
	98 37 99 32 55		
	53		
	66		
MS27342	10-44039-()	27599-622-66 thru 27599-630-66	Amphenol Aerospace - Amphenol Connectors
DESCRIPTION: ADAPTER			
FINISH: A, B			
ADAPTER GEOMETRY: 2			
	SHELL SIZE		
8	10 12 14 16 18 20 22 24		
MS27342	S2237-()	AFALD/PTSP Ltr 27 May 83	Sunbank Electronics, Inc.
DESCRIPTION: ADAPTER			
FINISH: A, B			
ADAPTER GEOMETRY: 1			
	SHELL SIZE		
8	10 12 14 16 18 20 22 24		

MANUFACTURER'S NAME, ADDRESS AND PLANT	CAGE CODE	
Amphenol Aerospace Amphenol Connectors 40-60 Delaware Street Sidney, NY 13838-1395 Plant: Same Address	77820	
Sunbank Electronics, Inc. 1740 Commerce Way Paso Robles, CA 93446 Plant: Same Address	07418	